PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220		
88TY1286	ACTION		as, where applicable, item 5 below.		
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)		
PCT/IB2004/002307	16/07/2004		25/07/2003		
Applicant					
TOYOTA JIDOSHA KABUSHIKI H	CAISHA				
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Sea	rching Auth	nority and is transmitted to the applicant		
This International Search Report consists	of a total of 4 sh	eets	•		
· —	a copy of each prior art document		report.		
		·			
Basis of the report With regard to the language the	international coarch was social over	on the bee	sign of the intermedianal analysis is the		
language in which it was filed, unl	ess otherwise indicated under this i	tem.	sis of the international application in the		
The international this Authority (Rui	search was carried out on the basis	of a transla	ation of the international application furnished to		
b. With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No. I.		
2. Certain claims were fou	nd unsearchable (See Box II).				
3. Unity of invention is lace	king (see Box III).		•		
4. With regard to the title,					
X the text is approved as su	bmitted by the applicant.				
the text has been established by this Authority to read as follows:					
	•		·		
			•		
	•				
5. With regard to the abstract,					
X the text is approved as su	bmitted by the applicant.				
			ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.		
6. With regards to the drawings,					
a. the figure of the drawings to be published with the abstract is Figure No. 4a					
X as suggested by t	he applicant.		·		
as selected by thi	s Authority, because the applicant f	ailed to sug	gest a figure.		
as selected by thi	s Authority, because this figure bett	er characte	rizes the invention.		
b. none of the figures is to be	e published with the abstract.				

INTERNATIONAL SEARCH REPORT

International Application No PC1 __B2004/002307

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01M17/007 G07C5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-601M-607C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	EP 0 383 593 A (HITACHI LTD) 22 August 1990 (1990-08-22) column 2, line 29 - column 4, line 19 column 7, line 9 - column 9, line 19; figures 1-3 column 11, line 25 - column 2, line 21;	1,17,19, 20,22-24 2,5,6, 10,11
	figure 6 	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
16 November 2004	26/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Trique, M

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INTERNATIONAL SEARCH REPORT

International Application No
PC1, _B2004/002307

0.40	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	FC1, _B2004/00230/
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 330 499 B1 (CHOU PAUL BAO-LUO ET AL) 11 December 2001 (2001-12-11) column 1, line 34 - column 2, line 2 column 2, line 30 - line 43; figure 1 column 4, line 2 - column 6, line 38; figure 3 column 7, line 63 - column 8, line 59; figure 4	1,17,19, 20,22-24 2,5,6, 10,11
A	EP 1 087 343 A (RENAULT) 28 March 2001 (2001-03-28) column 6, line 15 - column 8, line 44; figures 1,2	1,2,17, 20,23
Α	WO 90/09645 A (WARNERDALE LTD) 23 August 1990 (1990-08-23) abstract; figure 1	1,2,17, 20,23
Α .	PATENT ABSTRACTS OF JAPAN vol. 0113, no. 02 (M-629), 2 October 1987 (1987-10-02) & JP 62 094443 A (NISSAN MOTOR CO LTD), 30 April 1987 (1987-04-30) abstract	1,2,17, 20,23
Α	EP 0 718 614 A (SEL ALCATEL AG ; ALCATEL NV (NL)) 26 June 1996 (1996-06-26) the whole document	1,2,17, 20,23
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